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Response to Office Action

Listing of Claims:

Claims 1-11 (Canceled).

12. (Currently Amended) A document processing apparatus comprising:

judging means for judging whether a virtual printer or an actual printer is designated when a printing process operation of
5   document data is selected;

print control means for printing said document data on the actual printer when said judging means judges that the actual printer is designated;

~~virtual~~ document data obtaining means for obtaining said
10   document data as virtual document data when said judging means judges that the virtual printer is designated; ~~plural virtual document data each including plural individual pages each in a format with a page number added, the plural virtual document data being formed by designating a virtual printer while using~~
15   ~~respective different kinds of application programs such that the plural virtual document data comprises a plurality of types of virtual document data corresponding to the respective application programs, and said plural virtual document data containing specific page numbers which have been formed by said respective~~
20   ~~application programs;~~

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storage means for storing <u>a plurality of items of</u> the ~~plural~~
virtual document data obtained by the ~~virtual~~ document data
obtaining means<u>, said plurality of items of virtual document data</u>
<u>being formed from respective documents created using different</u>
25 <u>types of application programs and by designating the virtual</u>
<u>printer;</u>

display means for displaying the ~~plural~~ <u>plurality of items</u>
<u>of</u> virtual document data stored in the storage means;

editing means for selecting respective plural individual
30 pages to form an output virtual document to be outputted, from
~~among the plural~~ <u>a plurality of</u> individual pages included in the
plurality of ~~types~~ <u>items</u> of virtual document data ~~of the plural~~
~~virtual document data~~ displayed on the display means, and for
designating an output page order for the selected individual
35 pages in the output virtual document; and

controlling means for: (i) reading out <u>each of</u> the selected
~~plural~~ individual pages of the ~~output~~ virtual document <u>data</u> from
the storage means, (ii) <u>correcting a specific page number of each</u>
<u>read out page of the virtual document data to a page number which</u>
40 <u>corresponds to a position of the read out page in the output page</u>
<u>order,</u> ~~changing the specific page numbers to page numbers~~
~~corresponding to the output page order of the output virtual~~
~~document,~~ and (iii) outputting the <u>respective</u> ~~plural individual~~

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pages of the ~~output~~ virtual document <u>data with the specific page</u>

45 <u>numbers corrected to</u> ~~with~~ the ~~changed~~ <u>new</u> page numbers.

13. (Currently Amended) The document processing apparatus
as claimed in claim 12, wherein the controlling means masks the
specific page number provided in the virtual document data and
adds the ~~changed~~ <u>new</u> page number at an area for the page number

5   based on the <u>position in the</u> output page order ~~of the output~~
~~virtual document~~.

Claims 14-16 (Canceled).

17. (Currently Amended) A document processing apparatus
comprising:

<u>judging means for judging whether a virtual printer or an</u>
<u>actual printer is designated when a printing process operation of</u>

5   <u>document data is selected;</u>
<u>print control means for printing said document data on the</u>
<u>actual printer when said judging means judges that the actual</u>
<u>printer is designated;</u>

converting means for<u>,</u> ~~converting a plurality of individual~~

10 <u>when the judging means judges that the virtual printer is</u>
<u>designated, converting the</u> document data ~~formed by respective~~
~~different application programs to have specific page numbers into~~

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~~drawing records~~ into a drawing record so as to form virtual

document data;

15   storage means for storing a plurality of items of the

virtual document data ~~having the specific page numbers~~ converted

by the converting means, said plurality of items of virtual

document data being formed from respective documents created

using different types of application programs to have specific

20   page numbers formed by the application programs;

       instruction means for instructing editing of the virtual

document data;

       displaying means for displaying page information included in

the virtual document data stored in the storage means, when the

25   editing of the virtual document is instructed by the instruction

means;

       editing means for editing page positions of output virtual

document data to be outputted, based on the page information of

the virtual document data displayed on the display means; and

30   controlling means for outputting the output virtual document

data edited by the editing means in accordance with the edited

page positions.

       18. (Previously Presented) The document processing

apparatus as claimed in claim 17, wherein:

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the displaying means displays icons representing the respective page information; and

5   the editing means edits the pages to be included in the virtual document by manipulating the icons displayed on the displaying means.

19.   (Currently Amended) A computer readable program code embodied on a computer readable medium, the execution of said code by a computer causing said computer to perform ~~the following instructions~~ processes comprising:

5   judging whether a virtual printer or an actual printer is designated when a printing process operation of document data is selected;

printing said document data on the actual printer when said judging means judges that the actual printer is designated;

10   ~~virtual document data obtaining program code for~~ obtaining said document data as virtual document data when it is judged that the virtual printer is designated; ~~plural virtual document data each including plural individual pages each in a format with a page number added, the plural virtual document data being~~

15   ~~formed by designating a virtual printer while using respective different kinds of application programs such that the plural virtual document data comprises a plurality of types of virtual document data corresponding to the respective application~~

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~~programs, and said plural virtual document data containing~~
20 ~~specific page numbers which have been formed by said respective~~
~~application programs;~~

~~storage program code for~~ storing <u>a plurality of items of</u> the
~~plural~~ virtual document data<u>, said plurality of items of virtual</u>
<u>document data being formed from respective documents created</u>
25 <u>using different types of application programs and by designating</u>
<u>the virtual printer;</u> ~~obtained by the virtual document data~~
~~obtaining program code;~~

~~display program code for~~ displaying ~~the plural~~ <u>said stored</u>
<u>plurality of items of</u> virtual document data<u>;</u> ~~stored in the~~
30 ~~storage means;~~

~~editing program code for~~ selecting respective plural
individual pages to form an output virtual document to be
outputted, from ~~among the plural~~ <u>a plurality of</u> individual pages
included in the plurality of ~~types~~ <u>displayed items</u> of virtual
35 document data<u>,</u> ~~of the plural virtual document data displayed on~~
~~the display program code;~~ and for designating an output page
order for the selected individual pages in the output virtual
document; and

<u>a</u> controlling ~~program code for~~ <u>process including:</u> (i)
40 reading out <u>each of</u> the selected ~~plural~~ individual pages of the
~~output~~ <u>stored</u> virtual document <u>data,</u> ~~stored by the storage~~
~~program code;~~ (ii) <u>correcting a specific page number of each read</u>

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out page of the virtual document data to a page number which

corresponds to a position of the read out page in the output page

45   order, changing the specific page numbers to page numbers

corresponding to the output page order of the output virtual

document, and (iii) outputting the respective plural individual

pages of the output virtual document data with the specific page

numbers corrected to with the changed new page numbers.

        Claim 20 (Canceled).

        21.   (Currently Amended) A computer readable program code

embodied on a computer readable medium, the execution of said

code by a computer causing said computer to perform the following

instructions processes comprising:

5   judging whether a virtual printer or an actual printer is

designated when a printing process operation of document data is

selected;

        printing said document data on the actual printer when said

judging means judges that the actual printer is designated;

10   converting, program code for converting a plurality of

individual when it is judged that the virtual printer is

designated, the document data formed by respective different

application programs to have specific page numbers into a drawing

records record so as to form virtual document data;

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15   ~~storage program code for~~ storing <u>a plurality of items of</u> the
<u>converted</u> virtual document data<u>, said plurality of items of</u>
<u>virtual document data being formed from respective documents</u>
<u>created using different types of application programs to have</u>
<u>specific page numbers formed by the application programs;</u> ~~having~~
20   ~~the specific page numbers converted by the converting program~~
~~code;~~

~~instruction program code for~~ instructing editing of the
virtual document data;

~~displaying program code for~~ displaying page information
25   included in the <u>stored</u> virtual document data ~~stored by the~~
~~storage program code~~, when the editing of the virtual document is
instructed ~~by the instruction program code~~;

~~editing program code for~~ editing page positions of output
virtual document data to be outputted, based on the <u>displayed</u>
30   page information of the virtual document data ~~displayed on the~~
~~display program code~~; and

~~controlling program code for~~ outputting the <u>edited</u> output
virtual document ~~edited by the editing program code~~ <u>data</u> in
accordance with the edited page positions.

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